

EXHIBIT A



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

OCTOBER 01, 1997

PTAS



100539442A

KOCH INDUSTRIES, INC.
LORA GURLEY, CLA
LEGAL DEPARTMENT
4111 E. 37TH STREET NORTH
WICHITA, KANSAS 67220

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/15/1997

REEL/FRAME: 8677/0445
NUMBER OF PAGES: 6

BRIEF: (ASSIGNMENT OF ASSIGNOR'S INTEREST) RE-RECORD TO CORRECT THE NUMBER OF MICROFILM PAGES FROM 9 TO 6. AN ASSIGNMENT WAS PREVIOUSLY RECORDED AT REEL 8650, FRAME 0502.

ASSIGNOR:
4900 SINGLETON, L.P.

DOC DATE: 06/26/1997

ASSIGNEE:
KOCH ENTERPRISES, INC.
4111 E. 37TH STREET NORTH
P.O. BOX 8127
WICHITA, KANSAS 67220

SERIAL NUMBER: 08816197
PATENT NUMBER:

FILING DATE: 03/26/1997
ISSUE DATE:

SERIAL NUMBER: 08529589
PATENT NUMBER:

FILING DATE: 09/18/1995
ISSUE DATE:

SERIAL NUMBER: 08685482
PATENT NUMBER:

FILING DATE: 07/24/1996
ISSUE DATE:

SERIAL NUMBER: 08742819
PATENT NUMBER:

FILING DATE: 10/30/1996
ISSUE DATE:

SERIAL NUMBER: 08811434
PATENT NUMBER:

FILING DATE: 03/03/1997
ISSUE DATE:

SERIAL NUMBER: 05903214
PATENT NUMBER: 4233825

FILING DATE: 05/05/1978
ISSUE DATE: 11/18/1980

SERIAL NUMBER: 06725144
PATENT NUMBER: 4597916

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ISSUE DATE: 07/01/1986

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PATENT NUMBER: 4621475

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ISSUE DATE: 11/11/1986

SERIAL NUMBER: 07042759
PATENT NUMBER: 4729857

FILING DATE: 04/27/1987
ISSUE DATE: 03/08/1988

SERIAL NUMBER: 07123811
PATENT NUMBER: 4842778

FILING DATE: 11/23/1987
ISSUE DATE: 06/27/1989

SERIAL NUMBER: 07332428
PATENT NUMBER: 4909967

FILING DATE: 05/15/1989
ISSUE DATE: 03/20/1990

SERIAL NUMBER: 07261503
PATENT NUMBER: 4950430

FILING DATE: 10/24/1988
ISSUE DATE: 08/21/1990

SERIAL NUMBER: 07320420
PATENT NUMBER: 4956127

FILING DATE: 03/08/1989
ISSUE DATE: 09/11/1990

SERIAL NUMBER: 07547395
PATENT NUMBER: 5051214

FILING DATE: 07/03/1990
ISSUE DATE: 09/24/1991

SERIAL NUMBER: 07618724
PATENT NUMBER: 5057250

FILING DATE: 11/27/1990
ISSUE DATE: 10/15/1991

SERIAL NUMBER: 07618725
PATENT NUMBER: 5080836

FILING DATE: 11/27/1990
ISSUE DATE: 01/14/1992

SERIAL NUMBER: 07653680
PATENT NUMBER: 5106544

FILING DATE: 02/11/1991
ISSUE DATE: 04/21/1992

SERIAL NUMBER: 07725365
PATENT NUMBER: 5106556

FILING DATE: 06/25/1991
ISSUE DATE: 04/21/1992

SERIAL NUMBER: 07699156
PATENT NUMBER: 5118449

FILING DATE: 05/13/1991
ISSUE DATE: 06/02/1992

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PATENT NUMBER: 5120474

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PATENT NUMBER: 5147584

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PATENT NUMBER: 5164125

FILING DATE: 09/04/1990
ISSUE DATE: 11/17/1992

SERIAL NUMBER: 07747286
PATENT NUMBER: 5185106

FILING DATE: 08/19/1991
ISSUE DATE: 02/09/1993

SERIAL NUMBER: 07747184
PATENT NUMBER: 5188773

FILING DATE: 08/19/1991
ISSUE DATE: 02/23/1993

SERIAL NUMBER: 07650747
PATENT NUMBER: 5192465

FILING DATE: 02/05/1991
ISSUE DATE: 03/09/1993

SERIAL NUMBER: 07775299
PATENT NUMBER: 5192466

FILING DATE: 10/09/1991
ISSUE DATE: 03/09/1993

SERIAL NUMBER: 07952098
PATENT NUMBER: 5213719

FILING DATE: 09/28/1992
ISSUE DATE: 05/25/1993

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PATENT NUMBER: 5277848

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ISSUE DATE: 01/11/1994

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PATENT NUMBER: 5453222

FILING DATE: 09/15/1994
ISSUE DATE: 09/26/1995

SERIAL NUMBER: 08414792
PATENT NUMBER: 5547617

FILING DATE: 03/31/1995
ISSUE DATE: 08/20/1996

DOROTHY RILEY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

Patents and Patent Applications (United States)

WHEREAS, 4900 SINGLETON, L.P., a Texas Limited Partnership, having its principal place of business at 4900 Singleton, Dallas, Texas 75212, (hereinafter referred to as "ASSIGNOR"), is the owner of the Patents and Patent Applications set forth in Schedule A, attached hereto (collectively, the "Patents and Applications"); and

WHEREAS, KOCH ENTERPRISES, INC., a corporation organized and existing under the laws of the State of Kansas, having a business address of P.O. Box 8127, Wichita, Kansas, 67208 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to the Patents and Applications;

NOW, THEREFORE, for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto ASSIGNEE, its successors, assigns and legal representatives the entire right, title and interest in and to the Patents and Applications, all divisions, reissues, reexaminations, substitutions, continuations, continuations-in-part and extensions thereof and all causes of action arising prior to or after the date hereof for infringement of the Patents and Applications, and all claims for damages for past infringement of the same; and


ASSIGNOR further sells, assigns and transfers unto ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the inventions disclosed

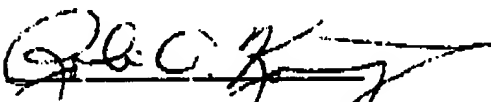
in the Patents and Applications, including all patents and pending applications thereon and the right to file further applications and to obtain patents, utility models, industrial models and designs for said inventions in its own name including all rights of priority, all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said inventions in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

IN WITNESS WHEREOF, ASSIGNOR has executed this Assignment this 26 day of June, 1997.


4900 SINGLETON, L.P.

By 
Title Authorized Signatory Officer

Attest 
State of ~~Texas~~ New York §
§ §:
County of ~~Bell~~ New York §

On this 26 day of June, 1997, before me, a Notary Public in and for the State and County aforesaid, personally appeared John L. Van Buren, to me well known and known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

ELEANOR M. WEBB
Notary Public, State of New York
No. 01452033567
Qualified in New York County
Commission Expires Sept 26 1998


Notary Public
My Commission Expires: Sept. 26, 1998

ACCEPTED

KOCH ENTERPRISES, INC.

Date: June 26, 1997

By

John M. Van Gelle
Type Authorized Signing Officer

State of ~~Massachusetts~~ New York §
County of New York § §:
§

On this 26 day of June, 1997, before me, a Notary Public in and for the State and County aforesaid, personally appeared John M. Van Gelle me well known and known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

ELEANOR M. WEBB
Notary Public, State of New York
No. 01WE5033567
Qualified in New York County
Commission Expires Sept 25, 1998

Eleanor M. Webb
Notary Public
My Commission Expires: Sept 26, 1998

Schedule A
U.S. PATENTS

PATENT NO.	TITLE	ISSUE DATE	INVENTORS
4,233,825	Knitting Machine	11/18/80	D.L. Glaspie
4,597,916	Method of and Apparatus for Intermediate Lamella Vapor Liquid Contact	07/01/86	G. Chen
4,604,247	Tower Packing Material and Method	08/05/86	G. Chen et al
4,621,475	Structural Strut and Truss Formed Therefrom	11/11/86	R.W. McClain
4,729,857	Liquid Distributor for Packed Tower	03/08/88	A.T. Lee et al
4,842,778	Apparatus for Flow Distribution in Packed Towers	06/27/89	G. Chen et al
4,909,967	Liquid Distributor Assembly for Packed Tower (Cont)	03/20/90	M.J. Binkley et al
4,950,430	Structured Tower Packing (Cont)	08/21/90	G.K. Chen et al
4,956,127	Downcomer-Tray Assembly and Method	09/11/90	M.J. Binkley et al
5,051,214	Double-Deck Distributor and Method of Liquid Distribution (Cont)	09/24/91	G.K. Chen
5,057,250	Tower Packing With Small Louvers	10/15/91	G.K. Chen et al
5,080,836	Tower Packing With Small and Large Louvers	01/14/92	G.K. Chen et al
5,106,544	Method of and Apparatus for Vapor Distribution (CIP)	04/21/92	A. Lee et al
5,106,556	Method of Downcomer-Tray Vapor Venting (Cont)	04/21/92	M.J. Binkley et al
5,118,449	Method of and Apparatus for Cartridge Tray Sealing	06/02/92	M. Wade et al
5,120,474	Valve-Tray Assembly (CIP)	06/09/92	M.J. Binkley et al
5,147,584	Contact Tray Assembly and Method (Div)	09/15/92	M.J. Binkley et al

PATENT NO.	TITLE	ISSUE DATE	INVENTORS
5,164,125	Method and Apparatus for Downcomer-Tray Operation (CIP)	11/17/92	M.J. Binkley et al
5,185,106	Tower Packing With Small Louvers and Mixing Method (CIP)	02/09/93	G.K. Chen et al
5,188,773	Tower Packing With Small and Large Louvers and Mixing Method (CIP)	02/23/93	G.K. Chen et al
5,192,465	Method of and Apparatus for Liquid Distribution	03/09/93	T. Petrich et al
5,192,466	Method of and Apparatus for Flow Promotion	03/09/93	M.J. Binkley
5,213,719	Gas-Liquid Contacting Device	05/25/93	K.T. Chuang
5,277,848	Method and Apparatus for Downcomer Tray Operation (Cont)	01/11/94	M.J. Binkley et al
5,453,222	Contact Tray Apparatus and Method	09/26/95	A.T. Lee et al
5,547,617	Apparatus for Increasing Effective Active Area	08/20/96	A.T. Lee et al

U.S. PATENT APPLICATIONS

SERIAL NO.	TITLE	FILING DATE	INVENTORS
08/816,197	Multi-Downcomer High Performance Tray (Cont.)	03/26/97	Lee et al.
08/529,589	Agitated Packed Extraction Column	09/18/95	Holmes et al.
08/685,482	Chemical Process Tower Deentrainment Assembly	07/24/96	Lee et al.
08/742,819	Downcomer for Chemical Process Tower	10/30/96	Lee et al.
08/811,434	Downcomer for Chemical Process Tower (CIP)	03/03/97	Lee et al.



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SEPTEMBER 11, 1997

PTAS

FOSTER WHEELER CORPORATION
CHARLES L. WILLIS - LAW DEPARTMENT
MERRYVILLE CORPORATE PARK
MINTON, NJ 08809-4000

RECEIVED



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SEP 18 1997

LAW DEPARTMENT

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 08/11/1997

REEL/FRAME: 8650/0538
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
GLITSCH, INC.

DOC DATE: 06/26/1997

ASSIGNEE:
4900 SINGLETON, L.P.
4900 SINGLETON
DALLAS, TEXAS 75212

SERIAL NUMBER: 08816197
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8650/0538 PAGE 3

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KEITH GOODE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

Patents and Patent Applications (United States)

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ASSIGNOR further sells, assigns and transfers unto ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the inventions disclosed in the Patents and Applications, including all patents and pending applications thereon and the

ACCEPTED:

4900 SINGLETON, L.P.

Date: June 26, 1997

By [Signature]

Title Authorized Signing Officer

State of ~~Texas~~ New York §
County of ~~Dallas~~ New York § §.:

On this 26th day of June, 1997, before me, a Notary Public in and for the State and County aforesaid, personally appeared John L. Van Buren, to me well known and known by me to be the person of the above name who signed and sealed the foregoing instrument, and acknowledged the same to be his own free act and deed.

ELEANOR M. WEBB
Notary Public, State of New York
No. 01WE503567
Qualified in New York County
Commission Expires Sept. 26, 1998

Eleanor M. Webb
Notary Public
My Commission Expires: Sept. 26, 1998

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